

## **TABLES**

**Table 1**  
**Soil Analytical Results**  
**City of Waltham**  
**225-237 240 Beaver Street, Waltham, MA**

CLIENT ID	DATE SAMPLED	Sample Depth	Total VOCs	Reportable Concentrations (µg/g)	SAMPLING LOCATION												
					RCS-1	RCS-2	GP1-1 [11-19]	GP1-2 [6-2]	GP1-3 [11-19]	GP1-4 [11-19]	GP1-5 [11-19]	GP1-6 [3-5]	GP1-7 [11-19]	GP1-8 [6-2]	GP1-9 [11-19]	GP2-1 [6-2]	GP2-2 [7-9]
Acetone	-	-	-	<0.077	NT	NT	<0.064	<0.062	<0.0659	<0.0662	<0.0659	NT	NT	<0.078	<0.076	<0.075	<0.072
Isopropyl Methyl Ether (DIME)	2	200	<0.0015	NT	NT	NT	<0.00081	<0.00081	<0.00064	<0.00064	<0.00064	NT	NT	<0.00278	<0.00278	<0.00275	<0.00272
Benzene	100	1000	<0.0015	NT	NT	NT	<0.0016	<0.0016	<0.0012	<0.0012	<0.0012	NT	NT	<0.0015	<0.0015	<0.0015	<0.0014
BromoBenzene	-	-	-	6	50	5	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Bromochlorobenzene	-	-	-	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Bromodichloroethane	0.1	0.1	0.1	1	1	1	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Bromoform	0.1	0.1	0.1	1	1	1	<0.0015	<0.0013	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Bromoethylene	0.5	0.5	0.5	5	50	5	<0.0077	<0.0077	<0.0081	<0.0081	<0.0081	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
2-Butanone (MEK)	-	-	-	3	30	3	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
t-Butylbenzene	-	-	-	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Sec-Butylbenzene	-	-	-	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
(tert-Butyl) Ethyl Ether (TBEE)	-	-	-	100	1000	1000	<0.0077	<0.0077	<0.0081	<0.0081	<0.0081	NT	NT	<0.0078	<0.0078	<0.0075	<0.0072
Carbon Disulfide	100	1000	<0.0046	NT	NT	NT	<0.0049	<0.0049	<0.0038	<0.0038	<0.0038	NT	NT	<0.0047	<0.0047	<0.0046	<0.0043
Carbox Tetrachloride	5	5	5	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Chlorobenzenes	1	3	3	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
Chlorobromomethane	0.005	0.03	0.03	100	1000	1000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00059	<0.00059	<0.00059	<0.00058
Chloroform	100	1000	<0.0015	NT	NT	NT	<0.0077	<0.0077	<0.0081	<0.0081	<0.0081	NT	NT	<0.0078	<0.0078	<0.0075	<0.0072
Chloroethylene	0.2	0.2	0.2	100	1000	1000	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	NT	NT	<0.0031	<0.0031	<0.0030	<0.0029
Chloromethane	100	1000	<0.0077	NT	NT	NT	<0.0081	<0.0081	<0.0084	<0.0084	<0.0084	NT	NT	<0.0076	<0.0076	<0.0075	<0.0072
2-Chlorotoluene	100	1000	<0.0015	NT	NT	NT	<0.0016	<0.0016	<0.0013	<0.0013	<0.0013	NT	NT	<0.0014	<0.0014	<0.0013	<0.0012
4-Chlorotoluene	100	1000	<0.0015	NT	NT	NT	<0.0016	<0.0016	<0.0013	<0.0013	<0.0013	NT	NT	<0.0015	<0.0015	<0.0014	<0.0014
1,2-Dibromoethane (DBCEP)	10	100	<0.0015	NT	NT	NT	<0.0016	<0.0016	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
1,2-Dibromoethane (EDB)	0.1	0.1	0.1	5000	50000	50000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00059	<0.00059	<0.00059	<0.00058
Dihalomethane	9	100	<0.0015	NT	NT	NT	<0.0016	<0.0016	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
1,2-Dichlorobutene	3	200	<0.0015	NT	NT	NT	<0.0016	<0.0016	<0.0013	<0.0013	<0.0013	NT	NT	<0.0014	<0.0014	<0.0013	<0.0012
1,3-Dichlorobutene	0.7	1	1	10000	100000	100000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0014	<0.0014	<0.0013	<0.0012
Dichlorofluoromethane (Freon 12)	0.4	9	9	100000	1000000	1000000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00079	<0.00079	<0.00078	<0.00077
1,4-Dichloroethane	0.1	0.1	0.1	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
1,2-Dichloroethane	0.1	0.1	0.1	100	1000	1000	<0.0015	<0.0015	<0.0013	<0.0013	<0.0013	NT	NT	<0.0016	<0.0016	<0.0015	<0.0014
1,3-Dichloroethylene	3	40	40	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00078	<0.00078	<0.00077	<0.00076
trans-1,2-Dichloroethylene	0.1	0.1	0.1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00078	<0.00078	<0.00077	<0.00076
trans-1,2-Dichloroethylene	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00078	<0.00078	<0.00077	<0.00076
1,2-Dichloropropane	500	5000	5000	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00078	<0.00078	<0.00077	<0.00076
2,2-Dichloropropane	0.1	0.1	0.1	10000	100000	100000	<0.00059	<0.00059	<0.00064	<0.00064	<0.00064	NT	NT	<0.00065	<0.00065	<0.00064	<0.00063
1,1-Dichloroethylene	0.01	0.015	0.015	10000	100000	100000	<0.00016	<0.00016	<0.00013	<0.00013	<0.00013	NT	NT	<0.00014	<0.00014	<0.00013	<0.00012
trans-1,2-Dichloroethylene	0.01	0.1	0.1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077	<0.00077	<0.00081	<0.00081	<0.00081	NT	NT	<0.00082	<0.00082	<0.00081	<0.00080
Dichloroethane	0.1	1	1	10000	100000	100000	<0.00077										

**Table 1**  
**Soil Analytical Results**  
**City of Waltham**  
**225-227 Beaver Street, Waltham, MA**

Sample ID	Location	Depth (ft)	Media	Concentration ( $\mu\text{g/g}$ )	Method	Notes
n-Propylbenzene				<0.0013	<0.0012	<0.0014
Syrene	3	1000	NT	<0.0015	<0.0016	<0.0016
1,1,2-Tetrachloroethane	0.1	0.1	NT	<0.0016	<0.0016	<0.0014
1,1,2,2-Tetrachloroethane	0.005	0.02	NT	<0.0016	<0.0016	<0.0014
Tetrahydroethylene	1	10	NT	<0.0015	<0.0016	<0.0014
Tetrahydrofuran	500	0.0077	NT	<0.0013	<0.0014	<0.0012
Toluene	30	10000	NT	<0.0015	<0.0016	<0.0014
1,2,3-Trifluorobenzene	-	-	NT	<0.0015	<0.0013	<0.0014
1,2,4-Trichlorobenzene	2	6	NT	<0.0015	<0.0013	<0.0014
1,1,1-Trichloroethane	30	600	NT	<0.0015	<0.0013	<0.0014
1,1,2-Trichloroethane	0.1	2	NT	<0.0015	<0.0013	<0.0014
Tribromoethylene	0.3	0.3	NT	<0.0016	<0.0015	<0.0014
Trichlorodifluoromethane (Freon 11)	1000	0.0077	NT	<0.0013	<0.0014	<0.0013
1,2,3-Trifluoropropene	100	1000	NT	<0.0015	<0.0013	<0.0014
1,2,4-Trimethylbenzene	1000	10000	NT	<0.0015	<0.0013	<0.0014
1,3,5-Trimethylbenzene	10	100	NT	<0.0015	<0.0013	<0.0014
Vinyl Chloride	0.7	0.7	NT	<0.0027	<0.0064	<0.0015
m,p-Xylene	100	100	NT	<0.0031	<0.0032	<0.0025
o-Xylene	100	100	NT	<0.0016	<0.0013	<0.0016
EPH (mp/g)						
(C9-C12 Aliphatics)	1000	3000	NT	<10	<10	<10
C12-15 Aliphatics	3000	5000	NT	<11	<11	<11
Unadjusted C11-C22 Aromatics	1000	3000	NT	<10	<10	<10
C11-C22 Aromatics	4	3000	NT	<10	<10	<10
Azenaphthalene	4	3000	NT	<0.10	<0.10	<0.10
Aceanaphthalene	4	3000	NT	<0.10	<0.10	<0.10
Anthracene	1000	3000	NT	<0.10	<0.10	<0.10
Benzo(a)anthracene	7	40	NT	<0.10	<0.10	<0.10
Benzo(a)pyrene	2	7	NT	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	7	40	NT	<0.10	<0.10	<0.10
Benzo(a)heptaphene	1000	3000	NT	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	1000	3000	NT	<0.10	<0.10	<0.10
Chrysene	70	40	NT	<0.10	<0.10	<0.10
Dibenz(a,h)anthracene	0.7	4	NT	<0.10	<0.10	<0.10
Fluoranthene	1000	3000	NT	<0.10	<0.10	<0.10
Fluorene	1000	3000	NT	<0.10	<0.10	<0.10
Indeno(1,2,3-cd)pyrene	7	40	NT	<0.10	<0.10	<0.10
2-Methylimidopentadene	0.7	80	NT	<0.10	<0.10	<0.10
Naphthalene	4	20	NT	<0.10	<0.10	<0.10
Phenanthrene	10	1000	NT	<0.10	<0.10	<0.10
Pyrene	1000	3000	NT	<0.10	<0.10	<0.10
Unadjusted C5-C8 Aromatic						
(C5-C8 Aliphatics)	100	500	NT	<7.8	<9.2	<7.5
Unadjusted C9-C12 Aliphatics	1000	3000	NT	<7.8	<9.2	<7.5
(C9-C12 Aliphatics)	1000	3000	NT	<7.8	<9.2	<7.5
(C9-C10 Aromatics)	100	500	NT	<0.039	<0.046	<0.046
Benzene	2	200	NT	<0.039	<0.046	<0.046
Ethylbenzene	4	1000	NT	<0.039	<0.046	<0.046
Methyl tert-Butyl Ether (MTBE)	0.1	100	NT	<0.20	<0.23	<0.19
Naphthalene	1000	10000	NT	<0.039	<0.040	<0.040
Toluene	30	1000	NT	<0.075	<0.075	<0.075
m,p-Xylene	100	100	NT	<0.039	<0.046	<0.046
o-Xylene	100	100	NT	<0.039	<0.038	<0.038
WP (mp/g)						
Total Metals						
Antimony	20	30	NT	<1.7	<1.7	<1.7
Arsenic	20	20	NT	<1.7	<1.7	<1.7
Barium	10000	30000	NT	4.2	1.8	4.4
Beryllium	90	200	NT	0.36	0.19	0.39

**Table 1**  
**Soil Analytical Results**  
**City of Waltham**  
**225-227 240 Beaver Street, Waltham, MA**

Conventional Chemistry %Wt											
Cadmium	70	100	<0.17	NT	0.27	<0.17	<0.17	NT	0.9	<0.17	<0.17
Chromium	100	200	9	NT	6.6	5.2	7.2	NT	5.8	38	6
Lead	200	600	5	NT	9.2	2.5	5.8	NT	3.7	NT	11
Mercury	20	30	<0.036	NT	<0.026	<0.025	<0.024	NT	7.6	<0.026	0.08
Nickel	600	1000	8	NT	5.6	4.5	8.5	0.11	3.5	<0.027	0.08
Selenium	400	700	<3.5	NT	<3.6	<3.4	<3.4	NT	5.5	17	5.4
Silver	100	200	-0.35	NT	<0.34	<0.35	<0.34	NT	<4.6	<3.4	<3.6
Thallium	8	60	<1.7	NT	<1.8	<1.7	<1.7	NT	<2.3	<3.4	<0.34
Vanadium	400	700	28	NT	14	14	25	19	<1.7	<1.7	<1.7
Zinc	1000	3000	41	NT	21	21	21	NT	18	41	17
Pesticides (mg/kg)											
Aldrin	0.08	0.5	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
alpha-BHC	50	500	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
beta-BHC	10	100	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
delta-BHC	10	100	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
gamma-BHC (Undene)	0.003	0.5	NT	NT	<0.012	NT	NT	NT	<0.023	NT	NT
Chlordane	5	30	NT	NT	<0.12	NT	NT	NT	<0.023	NT	NT
4,4'-DDD	8	40	NT	NT	<0.025	NT	NT	NT	<0.047	NT	NT
4,4'-DDE	6	30	NT	NT	0.57	NT	NT	NT	0.027	NT	NT
4,4'-DDT	6	30	NT	NT	0.48	NT	NT	NT	0.032	NT	NT
Dieldrin	0.08	0.5	NT	NT	<0.025	NT	NT	NT	<0.047	NT	NT
Endosulfan I	0.5	1	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
Endosulfan II	~	~	NT	NT	<0.050	NT	NT	NT	<0.094	NT	NT
Endosulfan Sulfate	~	~	NT	NT	<0.050	NT	NT	NT	<0.031	NT	NT
Ergolin	10	20	NT	NT	<0.050	NT	NT	NT	0.025	NT	NT
Ergolin Ketone	~	~	NT	NT	<0.050	NT	NT	NT	0.013	NT	NT
Ergasterol	0.3	2	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
Hepachlor Eponides	0.1	0.9	NT	NT	<0.031	NT	NT	NT	<0.059	NT	NT
Hepachlorobenzene	0.7	0.8	NT	NT	<0.037	NT	NT	NT	0.0083	NT	NT
Methoxychlor	200	400	NT	NT	<0.31	NT	NT	NT	<0.059	NT	NT
Herbicides (mg/kg)											
2,4-D	100	1000	NT	NT	<0.150	NT	NT	NT	<0.039	NT	NT
2,4-DB	100	1000	NT	NT	<0.160	NT	NT	NT	<0.170	NT	NT
2,4,5-TP (Silvex)	100	1000	NT	NT	<0.016	NT	NT	NT	<0.017	NT	NT
2,4,5-T	100	1000	NT	NT	<0.016	NT	NT	NT	<0.017	NT	NT
Dilapan	500	5000	NT	NT	<0.390	NT	NT	NT	<0.073	NT	NT
Dicamba	500	5000	NT	NT	<0.016	NT	NT	NT	<0.029	NT	NT
Dichlorprop	100	1000	NT	NT	<0.160	NT	NT	NT	<0.015	NT	NT
Dinoseb	1	4	NT	NT	<0.078	NT	NT	NT	<2.900	NT	NT
MCPA	1	4	NT	NT	<16	NT	NT	NT	<17	NT	NT
PCB Starke (mg/kg)	1	4	NT	NT	<0.97	NT	NT	NT	<0.092	NT	NT
Aroclor-1016	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1121	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1232	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1242	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1248	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1254	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1260	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1262	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT
Aroclor-1268	1	4	NT	NT	<0.097	NT	NT	NT	<0.11	NT	NT

**Table 2**  
**City of Waltham**  
**Groundwater Sample Results**  
**125-227 240 Beaver Street, Waltham, MA**

Parameter	Reportable Concentration		MCP - Method 1 Cleanup Standards		Sampling Location		GP-5 MW	GP-7 MW	MW-2
	Sampling Date	Sample Depth	RGCW-1	RGCW-2	GHW-1	GHW-2	GW-3	UEL	
<b>(MADEP-EFH-04-1.1) [µg/L]</b>									
C9-C18 ALIPHATICS	700	5000	700	5000	50000	100000	ND (100)	ND (100)	ND (95)
C19-C36 ALIPHATICS	14000	50000	14000	~	50000	100000	ND (100)	ND (100)	ND (95)
UNADJUSTED C11-C22 AROMATICS	~	~	~	~	~	~	ND (100)	ND (100)	ND (95)
C11-C22 AROMATICS	200	5000	200	50000	5000	100000	ND (100)	ND (100)	ND (95)
ACENAPHTHENE	20	6000	20	~	10000	40	100000	ND (2.0)	ND (2.0)
ACENAPHTHYLENE	30	40	30	10000	40	100000	ND (2.0)	ND (2.0)	ND (2.0)
ANTHRACENE	30	30	60	~	30	600	ND (2.0)	ND (2.0)	ND (2.0)
BENZO[ <i>g,h,i</i> ]PERYLENE	20	20	50	~	20	500	ND (2.0)	ND (2.0)	ND (2.0)
FLUORANTHENE	90	200	90	~	200	2000	ND (2.0)	ND (2.0)	ND (2.0)
FLUORENE	30	40	30	~	40	400	ND (2.0)	ND (2.0)	ND (2.0)
2-METHYLNAPHTHALENE	10	2000	10	2000	20000	100000	ND (2.0)	ND (2.0)	ND (2.0)
NAPHTHALENE	140	700	140	70	20000	100000	ND (2.0)	ND (2.0)	ND (2.0)
PHENANTHRENE	40	10000	40	~	10000	100000	ND (2.0)	ND (2.0)	ND (2.0)
PYRENE	20	20	60	~	20	600	ND (2.0)	ND (2.0)	ND (2.0)
<b>(MADEP-EFH-Feb-2018 Rev 2.1) [µg/L]</b>									
UNADJUSTED C5-C8 ALIPHATICS	~	~	~	~	~	~	ND (100)	ND (100)	ND (100)
C5-C8 ALIPHATICS	300	3000	300	3000	50000	100000	ND (100)	ND (100)	ND (100)
UNADJUSTED C9-C12 ALIPHATICS	~	~	~	~	~	~	ND (100)	ND (100)	ND (100)
C9-C12 ALIPHATICS	700	5000	700	5000	50000	100000	ND (100)	ND (100)	ND (100)
C9-C10 AROMATICS	200	4000	200	4000	50000	100000	ND (100)	ND (100)	ND (100)
C9-C10 AROMATICS	5	1000	5	1000	10000	100000	ND (1.0)	ND (1.0)	ND (1.0)
ETHYL BENZENE	700	5000	700	2000	5000	100000	ND (1.0)	ND (1.0)	ND (1.0)
METHYL- <i>tert</i> -BUTYL ETHER (MTBE)	70	5000	70	5000	50000	100000	ND (1.0)	ND (1.0)	ND (1.0)
NAPHTHALENE	140	700	140	70	20000	100000	ND (5.0)	ND (5.0)	ND (5.0)
METHYL TOLUENE	1000	40000	10000	50000	40000	100000	ND (1.0)	ND (1.0)	ND (1.0)
M/P-XYLENE	3600	30000	10000	30000	50000	100000	ND (2.0)	ND (2.0)	ND (2.0)
O-XYLENE	3000	30000	10000	30000	50000	100000	ND (1.0)	ND (1.0)	ND (1.0)
<b>SW-B46 6/2020 [µg/L] Metals Digestion</b>									
ANTIMONY	6	8000	6	~	8000	80000	ND (1.0)	ND (1.0)	ND (1.0)
ARSENIC	10	900	10	~	900	9000	ND (0.80)	ND (0.80)	ND (0.80)
BARIUM	2000	50000	2000	~	50000	100000	25	42	33
BERYLLIUM	4	200	4	~	200	2000	ND (0.40)	ND (0.40)	ND (0.40)
CADMIUM	4	4	5	~	4	50	ND (0.20)	ND (0.20)	ND (0.20)
CHROMIUM	100	300	100	~	300	3000	7	4	1.1
LEAD	10	10	15	~	10	150	3.3	3.2	ND (0.50)
NICKEL	100	200	100	~	200	2000	ND (5.0)	ND (5.0)	ND (5.0)
SELENIUM	50	100	50	~	100	1000	ND (5.0)	ND (5.0)	ND (5.0)
SILVER	7	7	100	~	7	1000	ND (0.20)	ND (0.20)	ND (0.20)
THALLIUM	2	3000	2	~	3000	30000	ND (0.20)	ND (0.20)	ND (0.20)
VANADIUM	30	4000	30	~	4000	40000	5.7	ND (5.0)	ND (5.0)
ZINC	900	900	5000	~	900	50000	15	ND (1.0)	ND (1.0)
<b>SW-B46 6/2018 [mg/L] Metals Digestion</b>									
MERCURY	0.002	0.02	0.002	~	0.02	0.2	ND (0.00010)	ND (0.00010)	ND (0.00010)

**Table 2**  
**City of Waltham**  
**Groundwater Sample Results**  
**225-227 240 Beaver Street, Waltham, MA**

ALDRIN	ND (0.053)	ND (0.057)
ALPHA-BHC	ND (0.053)	ND (0.053)
BETA-BHC	ND (0.053)	ND (0.053)
DELTA-BHC	ND (0.053)	ND (0.053)
GAMMA-BHC (INDANE)	ND (0.053)	ND (0.053)
CHLORDANE	ND (0.032)	ND (0.032)
4,4'-DDD	ND (0.21)	ND (0.21)
4,4'-DDE	ND (0.042)	ND (0.042)
4,4'-DDT	ND (0.046)	ND (0.046)
Dieldrin	ND (0.042)	ND (0.042)
ENDOSULFAN I	ND (0.021)	ND (0.021)
ENDOSULFAN II	ND (0.053)	ND (0.057)
ENDOSULFAN SULFATE	ND (0.084)	ND (0.084)
ENDRIN	ND (0.092)	ND (0.092)
ENDRIN KETONE	ND (0.084)	ND (0.084)
HEPTACHLOR	ND (0.092)	ND (0.092)
HEPTACHLOR EPONIDE	ND (0.053)	ND (0.057)
HEXAACHLOROBERZENE	ND (0.15)	ND (0.15)
METHOXYCHLOR	ND (0.053)	ND (0.057)
<b>SW-846 8082A (ng/L)</b>	<b>ND (0.53)</b>	<b>ND (0.57)</b>
PCB 1016	ND (0.21)	ND (0.23)
PCB 1221	ND (0.21)	ND (0.23)
PCB 1222	ND (0.21)	ND (0.23)
PCB 1232	ND (0.21)	ND (0.23)
PCB 1242	ND (0.21)	ND (0.23)
PCB 1248	ND (0.21)	ND (0.23)
PCB 1254	ND (0.21)	ND (0.23)
PCB 1260	ND (0.21)	ND (0.23)
PCB 1262	ND (0.21)	ND (0.23)
PCB 1268	ND (0.21)	ND (0.23)
<b>SW-846 8151A (ng/L)</b>	<b>ND (0.21)</b>	<b>ND (0.23)</b>
2,4-D	ND (0.50)	ND (0.50)
2,4,4'-DB	ND (0.50)	ND (0.50)
2,4,5-TP (SILVERX)	ND (0.050)	ND (0.050)
2,4,5-T	ND (0.10)	ND (0.10)
DALAPON	ND (1.2)	ND (1.2)
DICAMBA	ND (0.050)	ND (0.050)
DICHLORDOPROP	ND (0.50)	ND (0.50)
DINOSEB	ND (0.25)	ND (0.25)
MCPP	ND (50)	ND (50)
MCPP	ND (50)	ND (50)
<b>SW-846 8260C (µg/L)</b>	<b>ND (10)</b>	<b>ND (10)</b>
ACETONE	ND (0.50)	ND (0.50)
TERT-AMYL METHYL ETHER	ND (0.50)	ND (0.50)
BENZENE	ND (1.0)	ND (1.0)
BROMOBENZENE	ND (1.0)	ND (1.0)
BROMOCHLOROMETHANE	ND (1.0)	ND (1.0)
BROMODICHLOROMETHANE	ND (1.0)	ND (1.0)
BROMOFORM	ND (1.0)	ND (1.0)
BROMOMETHANE	ND (2.0)	ND (2.0)

**Table 2**  
**City of Waltham**  
**Groundwater Sample Results**  
**225-227 240 Beaver Street, Waltham, MA**

2-BUTANONE (MERS)	ND [1.0]
IN-BUTYLBENZENE	ND [1.0]
SEC-BUTYLBENZENE	ND [1.0]
TERT-BUTYLBENZENE	ND [1.0]
TERT-BUTYLETHYL ETHER	ND [1.0]
CARBON DISULFIDE	ND [0.50]
CARBON TETRACHLORIDE	ND [0.50]
CHLOROBENZENE	ND [1.0]
CHLORODIBROMOMETHANE	ND [1.0]
CHLOROETHANE	ND [0.50]
CHLOROFORM	ND [0.50]
2-CHLOROTOLUENE	ND [1.0]
4-CHLORTOLUENE	ND [1.0]
1,2-DIBromo-3-CHLOROPROpane	ND [1.0]
1,2-DIBROMOETHANE (EDB)	ND [0.50]
DIBROMOMETHANE	ND [0.50]
1,2-DICHLOROBENZENE	ND [1.0]
1,3-DICHLOROBENZENE	ND [1.0]
1,4-DICHLOROBENZENE	ND [1.0]
DICHLOROFLUOROMETHANE	ND [1.0]
1,1-DICHLOROETHANE	ND [1.0]
1,1,2-DICHLOROETHANE	ND [1.0]
1,1,2-DICHLOROETHYLENE	ND [1.0]
CIS-1,2-DICHLOROETHYLENE	ND [1.0]
TRANS-1,2-DICHLOROETHYLENE	ND [1.0]
1,2-DICHLOROPROPANE	ND [1.0]
1,3-DICHLOROPROPANE	ND [1.0]
1,2-DICHLOROPROPANE	ND [1.0]
1,1-DICHLOROPROPENE	ND [1.0]
CIS-1,2-DICHLOROPROPENE	ND [1.0]
TRANS-1,2-DICHLOROPROPENE	ND [1.0]
DIETHYL ETHER	ND [1.0]
DISOPROPYL ETHER	ND [1.0]
1,4-DIOXANE	ND [1.0]
ETHYL BENZENE	ND [1.0]
HEXAChLOROBUTADIENE	ND [0.60]
2-HEXANONE	ND [1.0]
ISOPROPYLBENZENE	ND [1.0]
P-ISOPROPYLtolUENE	ND [1.0]
METHYL-TERt-BUTYL ETHER (MTBE)	ND [1.0]
METHYLENE CHLORIDE	ND [5.0]
4-METHYL-2-PENTANONE (MIBK)	ND [1.0]
NAPHTHALENE	ND [2.0]
N-PROPYLBENZENE	ND [1.0]
STYRENE	ND [1.0]
1,1,1,2-TETRACHLOROETHANE	ND [1.0]
1,1,1,2,2-TETRACHLOROETHANE	ND [0.50]
TETRACHLOROETHYLENE	ND [1.0]

Table 2

**Groundwater Sample Results**  
**City of Waltham**  
**225-227-240 Beaver Street, Waltham, MA**

	500	50000	~	~	~	~	ND [2.0]	ND [2.0]	ND [2.0]
TETRAHYDROFURAN	1000	40000	1000	50000	40000	100000	ND [1.0]	ND [1.0]	ND [1.0]
TOLUENE	~	~	~	~	~	~	ND [2.0]	ND [1.0]	ND [1.0]
1,2,3-TRICHLOROBENZENE	70	200	70	200	50000	100000	ND [1.0]	ND [2.0]	ND [2.0]
1,2,4-TRICHLOROBENZENE	200	4000	200	4000	20000	100000	ND [1.0]	ND [1.0]	ND [1.0]
1,1,1-TRICHLOROETHANE	5	900	5	900	50000	100000	ND [1.0]	ND [1.0]	ND [1.0]
1,1,2-TRICHLOROETHANE	5	5	5	5	5000	50000	ND [1.0]	ND [1.0]	ND [1.0]
TRICHLOROETHYLENE	10000	100000	~	~	~	~	ND [1.0]	ND [1.0]	ND [1.0]
TRICHLOROFORM/METHANE	1000	10000	~	~	~	~	ND [2.0]	ND [2.0]	ND [2.0]
1,2,3-TRICHLOROPROPANE	10000	100000	~	~	~	~	ND [2.0]	ND [2.0]	ND [2.0]
1,2,4-TRIMETHYLBENZENE	100	1000	~	~	~	~	ND [1.0]	ND [1.0]	ND [1.0]
1,3,5-TRIMETHYLBENZENE	2	2	2	2	50000	100000	ND [1.0]	ND [1.0]	ND [1.0]
VINYL CHLORIDE	3000	30000	100000	30000	5000	100000	ND [2.0]	ND [2.0]	ND [2.0]
M/P-PHENYLENE	3000	30000	100000	30000	5000	100000	ND [2.0]	ND [2.0]	ND [2.0]
O-XYLENE	~	~	~	~	~	~	ND [1.0]	ND [1.0]	ND [1.0]
<b>SW-846 8270D (µg/l)</b>									
BENZO[ <i>a</i> ]ANTHRACENE	1	1000	1	~	1000	10000	ND [1.0]	ND [1.0]	ND [1.0]
BENZO[ <i>a</i> ]PYRENE	0.2	500	0.2	~	500	5000	ND [0.20]	ND [0.20]	ND [0.20]
BENZO[ <i>b</i> ]FLUORANTHENE	1	400	1	~	400	4000	ND [1.0]	ND [1.0]	ND [1.0]
BENZO[ <i>k</i> ]FLUORANTHENE	1	100	1	~	100	1000	ND [1.0]	ND [1.0]	ND [1.0]
CHRYSENE	2	70	2	~	70	700	ND [2.0]	ND [2.0]	ND [2.0]
DIBENZ[ <i>a,h</i> ]ANTHRACENE	0.5	40	0.5	~	40	400	ND [0.50]	ND [0.50]	ND [0.50]
INDENO[1,2,3- <i>c,d</i> ]PHENENE	0.5	100	0.5	~	100	1000	ND [0.50]	ND [0.50]	ND [0.50]

NOTES:

1. An asterisk (\*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more of the regulatory criteria.

2. ND = Not detected above the lab reporting limits shown in parentheses.

3. NT = Not tested.

4. ~ = No Method 1 Standard or UCL available.

5. Shaded values exceed the MCL Reportable Concentrations (RCs).

6. Bolded values exceed the Method 1 Cleanup Standards.

7. Bold Red values exceed the TCLP limits.